

PATENT

Appl. No. 09/785,864
Amdt. Dated August 30, 2004
Reply to Office Action of June 3, 2004

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Original): A method for routing calls in an Advanced Intelligent Network including the steps of:
 - a. Attempting a switch-based call-forward from a subscriber line in a Service Switching Point (SSP);
 - b. Detecting a trigger in the SSP based upon said step a);
 - c. Suspending call processing based upon said step b);
 - d. During said step c), determining whether the call forward should be permitted; and
 - e. Inhibiting or permitting the call-forward based upon the determination in said step d).
2. (Original): The method of claim 1 further including the step of sending a message to an SCP during said step c) based upon said step b).
3. (Original): The method of claim 2 wherein the message includes a forward-to number to which the call-forward attempt is made.
4. (Original): The method of claim 3 further including the steps of:
 - f. determining whether the forward-to number is a voicemail number; and
 - g. determining whether to forward the call in said step d) based upon said determination in said step f).
5. (Original): The method of claim 4 further including the step of preventing the call-forward in said step e) based upon the determination in said step f) that the forward-to number is a voicemail number.

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6. (Original): The method of claim 5 further including the step of forwarding the call to more than one subscriber line prior to said step a).
7. (Original): The method of claim 1 further including the step of permitting the switch-based call forward in said step e).
8. (Original): The method of claim 1 further including the step of forwarding the call to voicemail' in said step e).
9. (Original): The method of claim 1 wherein said trigger is an Off-Hook Delay trigger caused by the switch's attempt to forward the call.
10. (Original): The method of claim 1 further including the step of forwarding the call to a second subscriber line.
11. (Original): An Advanced Intelligent Network Service Switching Point (SSP) including:
a plurality of specific digit strings including a first specific digit string;
a plurality of subscriber lines each assigned one of said plurality of specific digit strings;
a trigger associated with said first specific digit string and activated by a call to the first specific digit string at the SSP;
said SSP generating a request for a forwarding instruction based upon said trigger;
and
said SSP receiving said forwarding instruction and forwarding the call based upon the forwarding instruction.